| ., , ,              | TA  |      |   |         |              |           |           |           |            |           |                            |          |          | Application/Control No. |                     |                |           |           |         |           |               |              |            | Applicant(s)/Patent under |                 |         |            |             |           |                     |           |  |  |
|---------------------|---|------|---|---------|--------------|-----------|-----------|-----------|------------|-----------|----------------------------|----------|----------|-------------------------|---------------------|----------------|-----------|-----------|---------|-----------|---------------|--------------|------------|---------------------------|-----------------|---------|------------|-------------|-----------|---------------------|-----------|--|--|
|                     | Index of Claims   |      |   |         |              |           |           |           |            |           |                            |          |          |                         | - Al-               |                |           |           |         |           |               |              |            |                           | Reexamination   |         |            |             |           |                     |           |  |  |
|                     |   |      |   |         |              |           |           |           |            |           |                            |          | 1        | 10/728,350              |                     |                |           |           |         |           |               |              |            |                           | WU, JENG-SHYONG |         |            |             |           |                     |           |  |  |
|                     |   |      |   |         |              |           |           |           |            |           |                            |          |          |                         | E                   | Examiner       |           |           |         |           |               |              |            |                           |                 | rt U    | nit        |             |           |                     |           |  |  |
|                     | L CONTROL STATE CONTROL STATE CONTROL |      |   |         |              |           |           |           |            |           |                            |          |          |                         | c                   | Chau N. Nguyen |           |           |         |           |               |              |            |                           |                 |         | 2831       |             |           |                     |           |  |  |
|                     |   | Γ-   | T |         |              | _         | l         | 1         |            |           |                            |          |          |                         |                     | _              | ſ         |           |         |           |               |              | _          |                           |                 |         |            |             |           |                     |           |  |  |
| √ Rejected – (Throu |   |      |   |         |              |           |           |           |            |           | ough numeral)<br>Cancelled |          |          |                         |                     |                | N         | Non-Elec  |         |           | ted           | ted          |            | Appeal                    |                 |         |            |             |           |                     |           |  |  |
|                     | <del>                                      </del>   |      |   |         |              |           |           |           |            |           |                            |          |          |                         | $\dashv$            | ŀ              | -         | _         |         |           |               | -            |            |                           | _               | •       |            |             | -         |                     |           |  |  |
|                     | = Allowed   |      |   |         |              |           |           | +         | Restricted |           |                            |          |          |                         | I Interfer          |                |           |           |         | ere       | nce           |              |            | Objected                  |                 |         |            |             |           |                     |           |  |  |
| 1                   | Claim Date  |      |   |         |              |           |           |           |            | Claim     |                            |          |          | Date                    |                     |                | )         |           |         | Claim     |               |              | Date       |                           |                 |         |            |             | )         |                     |           |  |  |
|                     | Soldinal Soldinal   |      |   |         |              |           |           | _         | laf        | 힐         |                            | Γ        |          | П                       | T                   | $\top$         | $\prod$   |           |         | ig.       | П             |              |            |                           |                 |         | Γ          |             |           |                     |           |  |  |
|                     | Final   | 2    | ł |         |              |           |           | İ         |            |           | Final                      | Original | •        |                         | li                  |                |           | ı         | 1       | ı         | ı             | Final        | Original   | 11                        |                 | 1       |            | l           |           |                     |           |  |  |
|                     |   | 7 03 | L | H       | Н            | $\dashv$  | 4         | 4         | $\dashv$   | 4         | <u> </u>                   | 51       |          | ┞-                      | ┞-                  | $\sqcup$       | 4         | 4         | +       | ╀         | 4             | <u> </u>     | <u> </u>   | Ц                         | $\perp$         | $\bot$  | 1          | L           | L         |                     | L         |  |  |
|                     | 2   |      | t |         |              | ╛         | 7         | ╛         |            | ┪.        |                            | 52       |          | $\vdash$                |                     | H              | $\dashv$  | +         | +       | +         | ┨             | $\vdash$     | 101        | H                         | +               | ╅       | +          | ┼╌          | $\vdash$  | Н                   | H         |  |  |
|                     | "   | ₩-   | L | $\Box$  |              | 4         | $\dashv$  | 4         | 4          | $\Box$    |                            | 53       |          | Г                       |                     | П              | Ţ         | $\Box$    | 丁       | Ţ         | ]             |              | 103        |                           | #               |         | I          |             |           |                     |           |  |  |
|                     | 5   | -    | ┝ | ╁┤      | $\dashv$     | $\dashv$  | ┪         | ┪         | ᅱ          | $\dashv$  | -                          | 54<br>55 |          | ┢                       | $\vdash$            | $\vdash$       | $\dashv$  | +         | ╌       | ╁         | ┨             | -            | 104        | ╂                         | ╬               | +       | ╀          | ┝╌          | L         | Н                   |           |  |  |
| . ]                 | - 6   |      |   | П       |              |           | $\exists$ |           |            | ゴ         |                            | 56       |          |                         |                     | 口              |           | I         | 土       | 土         | 1             |              | 106        |                           | 士               | 士       | Ė          |             |           |                     |           |  |  |
| ł                   | 7   | _    | ┝ | +       | $\dashv$     | -         | +         | $\dashv$  | +          | ┨         | <u> </u>                   | 57<br>58 |          | ┝                       | Н                   | $\vdash$       | +         | +         | -       | +         | -             | <u> </u>     | 107        | $\vdash$                  | 4               | +       | lacksquare | $\vdash$    |           |                     |           |  |  |
|                     | 9   | _    | L |         |              | $\exists$ | 士         |           | 1          | J         |                            | 59       |          | $\vdash$                |                     |                | $\dagger$ | †         | +       | $\dagger$ | 1             | <u> </u>     | 109        | $\vdash$                  | +               | ╁       | +          | Н           | Н         |                     | Н         |  |  |
| -                   | 1   |      | ┡ | ╂╌┨     |              | _         | 4         | 4         | 4          | 4         |                            | 60<br>61 |          | L                       |                     | $\Box$         | 7         | 4         | 4       | Ŧ         | 7             |              | 110        |                           | 7               |         | L          |             |           |                     | $\Box$    |  |  |
| ł                   | 1   | 211  |   | $\Box$  | _            | _         | +         | ┪         | $\dashv$   | -         | <u> </u>                   | 62       |          | H                       | Н                   | +              | +         | +         | +       | ╁         | ┨             | $\vdash$     | 111<br>112 | ┢╅                        | +               | ╁       | ╁          | Н           | Н         | -                   | $\dashv$  |  |  |
| [                   |   |      |   | П       | $\Box$       | $\exists$ | 7         | 7         | 7          | 7         |                            | 63       |          |                         | П                   | $\dashv$       | 7         | 1         | 1       | Ţ         | ]             |              | 113        | $\Box$                    | 1               | 工       | T          |             |           |                     |           |  |  |
| ł                   | 1   |      |   | ╫       | -+           | ┪         | ┰         | ┪         | $\dashv$   | $\dashv$  | -                          | 64<br>65 |          | Н                       | Н                   | $\dashv$       | +         | +         | +       | ╀         | ┨             | $\vdash$     | 114        | H                         | ┿               | ╁       | ╀          | Н           | $\dashv$  | $\dashv$            | $\dashv$  |  |  |
| ĺ                   | 1   |      |   | П       | $\dashv$     | 1         | 7         | 1         | 1          |           |                            | 66       | $\Box$   |                         |                     | $\exists$      | 1         | 1         |         |           | 1             |              | 116        | 口                         | 士               | 上       |            |             |           |                     |           |  |  |
| ŀ                   | 1   |      | _ | H       | +            | $\dashv$  | +         | +         | +          | ┨         |                            | 67<br>68 |          | H                       | Н                   | +              | +         | +         | +       | ╀         | ┨             | <u> </u>     | 117        | Н                         | +               | +       | ╀          | $\vdash$    |           | $\dashv$            |           |  |  |
| ţ                   | 1/2   |      |   | $\Box$  | ⇉            | $\Box$    | 丁         | 寸         | 士          | ]         |                            | 69       | T        |                         |                     | 土              | 土         |           | 土       | t         | <u> </u>      |              | 119        |                           | $\pm$           | 1       | $\vdash$   | Н           |           | $\dashv$            | ᅥ         |  |  |
| ŀ                   | 20  |      |   | H       | $\dashv$     | +         | +         | +         | +          | -         | _                          | 70<br>71 | +-       |                         | Н                   | +              | +         | 4         | +       | $\perp$   | -             |              | 120<br>121 | 4                         | $\bot$          | $\perp$ |            |             |           | $\Box$              | $\square$ |  |  |
| į                   | 22  | 2    |   |         | _            | 士         | 士         | 1         | $\top$     | 1         |                            | 72       | 十        |                         | H                   | +              | +         | Ť         | +       | +         | 1             | ┝            | 122        | $\dashv$                  | ╁               | ╁       | H          | Н           | $\vdash$  | $\dashv$            | ㅓ         |  |  |
| 1                   | 2:  |      | _ |         | 4            | $\bot$    | 4         | 4         | 4          | 4         |                            | 73       |          |                         | Ц                   | $\dashv$       | 7         | 7         | $\perp$ | Į         | 1             |              | 123        | 4                         | Ŧ               | I       | I          |             | $\Box$    | $\Box$              | $\Box$    |  |  |
| ŀ                   | 2   | 1    |   | ╁┼      | +            | 十         | 十         | $^{+}$    | +          | ┪         | -                          | 74<br>75 |          | Н                       | $\dashv$            | $\dashv$       | ╁         | +         | ┿       | ╁         | ┨             | <del> </del> | 124<br>125 | -                         | +               | ╫       | ╀╌         | Н           | -         | $\dashv$            | ┥         |  |  |
| Į.                  | 26  |      |   | П       | 1            | 7         | 1         | 7         | 4          | 7         |                            | 76       | 匚        |                         |                     | 4              | 1         | 1         | 丰       | L         | 1             |              | 126        |                           | 1               | 上       |            |             |           |                     | ╛         |  |  |
| }                   | 27  | 1    |   | H       | ┿            | +         | +         | ╫         | +          | ┨         | ┡                          | 77<br>78 | ╁        | Н                       | $\dashv$            | +              | +         | +         | ╌       | ╀         | ┨             | <u> </u>     | 127<br>128 | -                         | +               | ╀       | ┡          | Н           | 4         | 4                   | 4         |  |  |
|                     | 29  | 70   | _ | 口       | #            | 士         | 士         | 士         | 士          | 1         |                            | 79       | Т        |                         |                     | 士              | 土         | 1         |         | T         | 1             |              | 129        |                           | t               | $\pm$   |            | H           | $\dashv$  | $\dashv$            | ᅥ         |  |  |
| ŀ                   | 30  | 0    |   | ╀       | +            | +         | +         | +         | +          | -         | <u> </u>                   | 80<br>81 | H        | Н                       | $\dashv$            | 4              | +         | +         |         | ╀         | -             |              | 130<br>131 | 4                         | Ŧ               | Ŧ       | $\Box$     | $\Box$      | $\dashv$  | $\Box$              | $\exists$ |  |  |
| į                   | 32  | 0    |   | $\Box$  | _            | +         | +         | $\dagger$ | +          | 1         |                            | 82       | T        |                         | +                   | +              | +         | $\dagger$ | ┿       | ╁         |               | -            | 132        | +                         | +               | ╁       | Н          | H           | $\dashv$  | +                   | $\dashv$  |  |  |
|                     | (33   | ノソ   |   | П       | $\downarrow$ | $\bot$    | Ŧ         | 1         | 1          | ]         |                            | 83       |          |                         |                     | 1              | 1         | 7         | 1       | L         | 1             |              | 133        | ヰ                         | 1               | 工       |            |             | $\Box$    | $\exists$           | コ         |  |  |
| <b> </b>            | 34<br>35  |      |   | ╁       | ╁            | +         | +         | +         | +          | ┫╽        |                            | 84<br>85 |          | $\dashv$                | $\dashv$            | +              | +         | ╫         | ╁       | ╁         | $\{ \  $      |              | 134<br>135 | +                         | ┿               | ╁       | H          | $\dashv$    | $\dashv$  | -                   | $\dashv$  |  |  |
| - [                 | 36  | IV   | _ | П       | 1            | 1         | 1         | #         | 1          | ┇         |                            | 86       |          |                         |                     | #              | 1         | 丰         | 1       |           | 1             |              | 136        | 士                         | 土               | 士       |            | $\exists$   |           | 士                   | ⇉         |  |  |
| }                   | 38  | 0    | _ | Н       | +            | +         | +         | ╀         | ╬          | ┨╏        |                            | 87<br>88 | $\vdash$ | $\dashv$                | +                   | +              | +         | +         | +       | ╀         | $\  \cdot \ $ |              | 137<br>138 | +                         | +               | ╀       | Н          | $\dashv$    | $\dashv$  | 4                   | 4         |  |  |
|                     | 39  | O    | _ |         | $\downarrow$ | #         | 士         | Ť         | 土          | ן ן       |                            | 89       |          |                         |                     | 1              | 士         | $\pm$     | 士       |           | 1             |              | 139        | 士                         | 土               | 上       |            |             | $\exists$ | 1                   | ╛         |  |  |
| -                   | 40  | 0=   |   | ╁┼      | +            | +         | +         | +         | +          | <b>- </b> |                            | 90<br>91 | H        |                         | 4                   | 1              | $\perp$   | 1         | +       | F         |               |              | 140<br>141 | $\perp$                   | Ŧ               | F       |            | $\neg$      | I         | $\Box$              | $\Box$    |  |  |
| Ł                   | 42  | =    | _ | ㅂ       | 士            | 土         | $\pm$     | 1         | $\pm$      | <u> </u>  |                            | 92       | Н        | 士                       | $\exists$           | 士              | 土         | 士         | 士       | $\perp$   | j             |              | 142        | $\pm$                     | $\pm$           | $\pm$   | Н          | _           | _         | $\dashv$            | $\dashv$  |  |  |
| · [                 | 43  | V V  |   | $\prod$ | 4            | 7         | Ŧ         | Ţ         | Ŧ          | 4         |                            | 93<br>94 | П        | $\Box$                  | 1                   | Ţ              | T         | Ţ         | T       | F         |               |              | 143        | 7                         | Ŧ               | F       | П          | $\exists$   | $\exists$ | $\rightrightarrows$ | $\exists$ |  |  |
| -                   | 45  | Ē    | _ |         | +            | +         | +         | +         | +          | <u> </u>  |                            | 95       | Н        | ┪                       | $\dashv$            | +              | +         | +         | +       | H         |               |              | 144<br>145 | +                         | 十               | +       | Н          | $\dashv$    | ╅         | +                   | $\dashv$  |  |  |
| ļ                   | 46  | =    |   | П       | 1            | 1         | 1         | Į         | 7          | ]         |                            | 96       | П        | コ                       | 4                   | #              | #         | 1         | 1       |           | 1             |              | 146        | 丰                         | 丰               | L       | 口          | $\sqsupset$ | コ         | $\downarrow$        | コ         |  |  |
| _}                  | 48  | ن    | _ | ╁       | +            | +         | ╫         | +         | +          | ┪╏        | -                          | 97<br>98 | Н        | ᅱ                       | $\dashv$            | +              | ╀         | +         | +       | $\vdash$  | ┧╽            |              | 147        | +                         | ╀               | +       | Н          | +           | +         | +                   | $\dashv$  |  |  |
| Ţ                   | 49  |      |   |         | #            | $\bot$    | #         | 1         | 1          | ]         |                            | 99       | 口        | ゴ                       | $\rightrightarrows$ | 1              | #         | #         |         |           |               |              | 149        | 士                         | 丰               | 上       | 口          | 士           | $\exists$ | ightharpoons        | ゴ         |  |  |
| L                   | 50  |      |   | $\Box$  |              |           |           | $\perp$   | _L         | ا ل       |                            | 100      | Ш        |                         | $\perp$             | ᆚ              | L         | 1.        |         | <u> </u>  | J             |              | 150        |                           |                 |         | Ш          | $\perp$     | $\perp$   | $\perp$             | ╝         |  |  |